

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121115\
 Data File : BG020092.D
 Acq On : 11 Dec 2015 2:48
 Operator : UM/SJ
 Sample : G4676-19DL 2X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-15DL

Quant Time: Dec 11 04:51:22 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

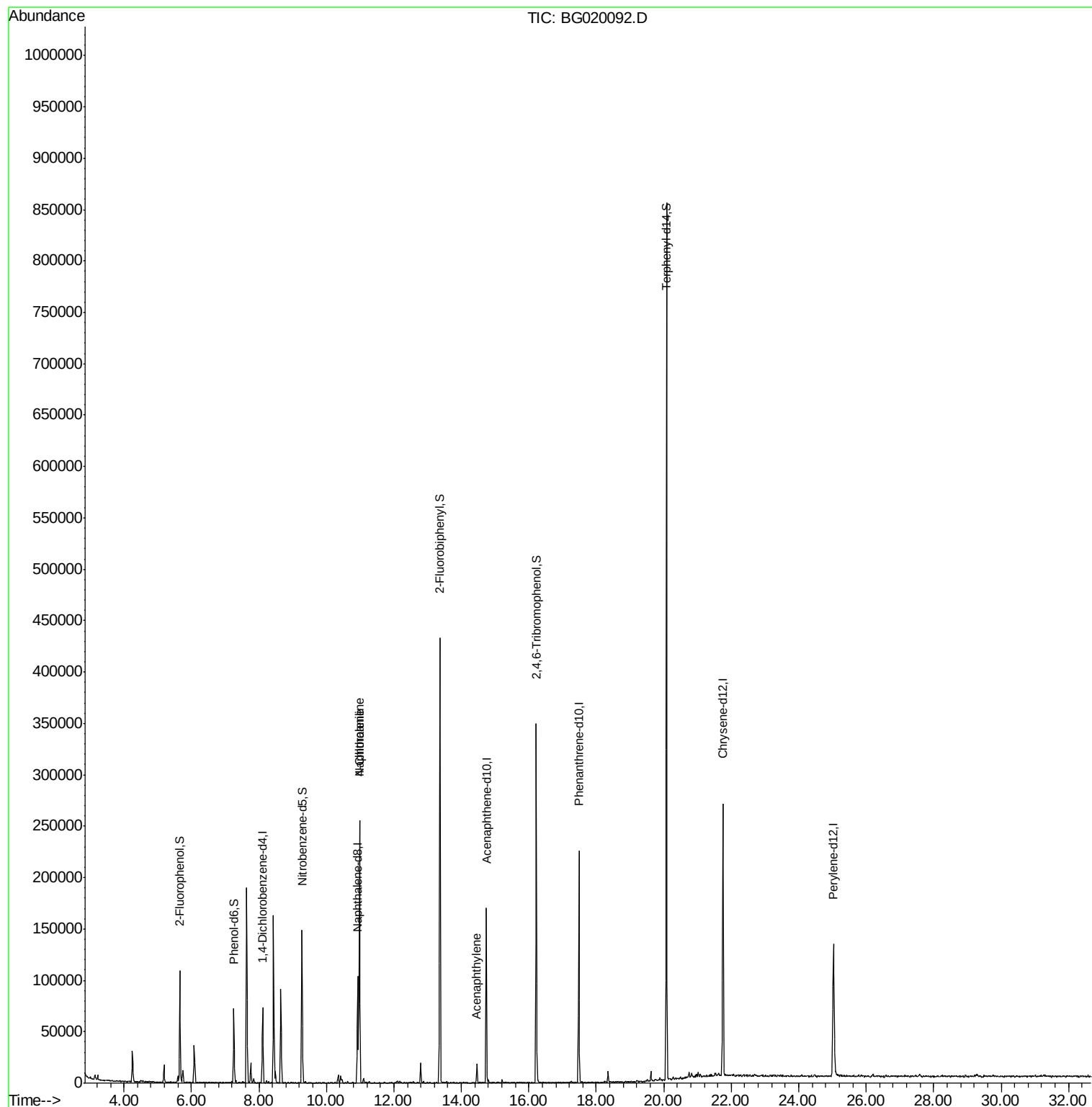
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	19146	20.00	ng	-0.03
21) Naphthalene-d8	10.92	136	88407	20.00	ng	-0.03
38) Acenaphthene-d10	14.74	164	57577	20.00	ng	-0.03
63) Phenanthrene-d10	17.48	188	140885	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	171246	20.00	ng	-0.04
86) Perylene-d12	25.03	264	157516	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	45422	42.88	ng	-0.01
7) Phenol-d6	7.25	99	42777	26.74	ng	-0.02
23) Nitrobenzene-d5	9.27	82	93383	53.91	ng	-0.03
41) 2,4,6-Tribromophenol	16.22	330	66412	75.38	ng	-0.03
44) 2-Fluorobiphenyl	13.36	172	226285	53.66	ng	-0.03
78) Terphenyl-d14	20.08	244	377580	53.78	ng	-0.03
Target Compounds						
31) Naphthalene	10.98	128	209644	44.27	ng	Qvalue 99
33) 4-Chloroaniline	10.98	127	27672	13.26	ng	# 32
48) Acenaphthylene	14.46	152	13433	2.17	ng	99

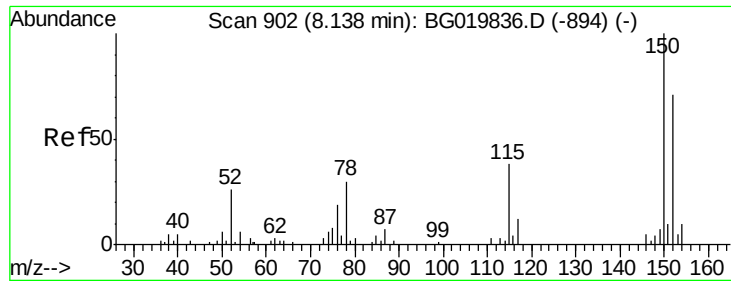
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121115\
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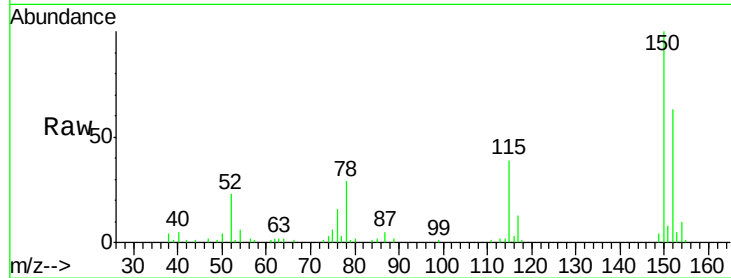


#1

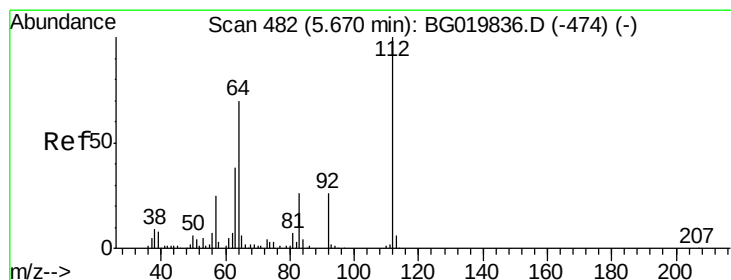
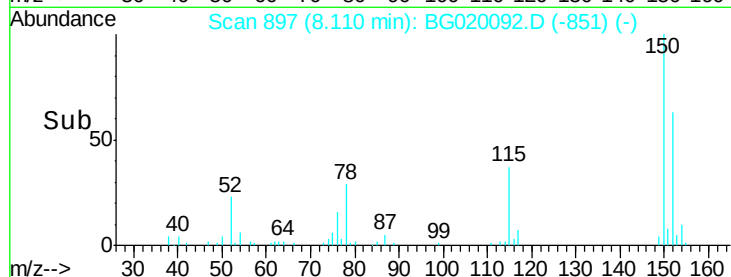
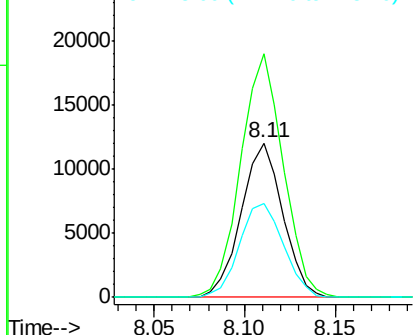
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.11 min Scan# 897
 Delta R.T. -0.03 min
 Lab File: BG020092.D
 Acq: 11 Dec 2015 2:48

Instrument :
 BNA_G
 ClientSampleId :
 MW-15DL

Tgt Ion:152 Resp: 19146
 Ion Ratio Lower Upper
 152 100
 150 157.8 115.0 172.4
 115 61.2 43.9 65.9



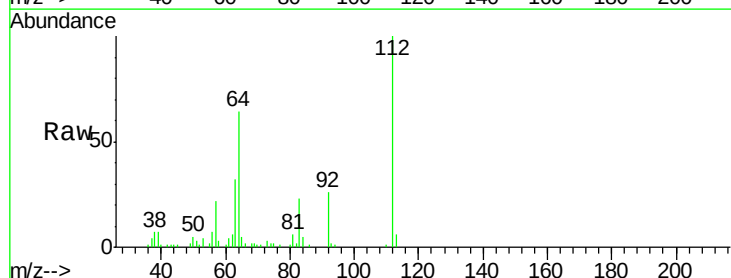
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



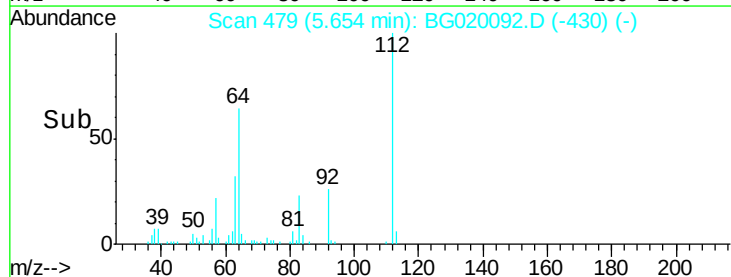
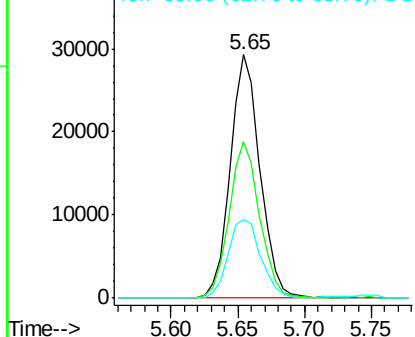
#5

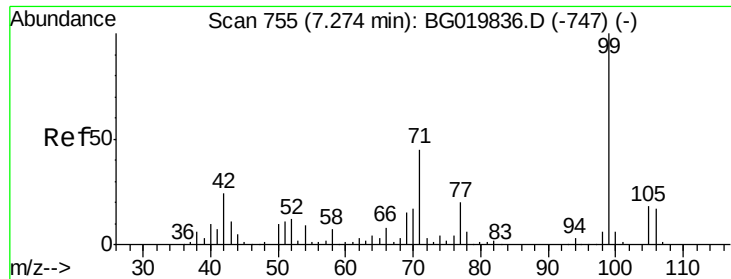
2-Fluorophenol
 Concen: 42.88 ng
 RT: 5.65 min Scan# 479
 Delta R.T. -0.01 min
 Lab File: BG020092.D
 Acq: 11 Dec 2015 2:48

Tgt Ion:112 Resp: 45422
 Ion Ratio Lower Upper
 112 100
 64 64.2 43.7 65.5
 63 32.0 24.0 36.0



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG0
 Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 26.74 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.02 min

Lab File: BG020092.D

Acq: 11 Dec 2015 2:48

Instrument :

BNA_G

ClientSampleId :

MW-15DL

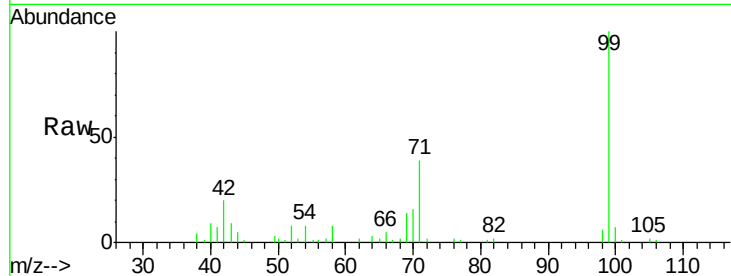
Tgt Ion: 99 Resp: 42777

Ion Ratio Lower Upper

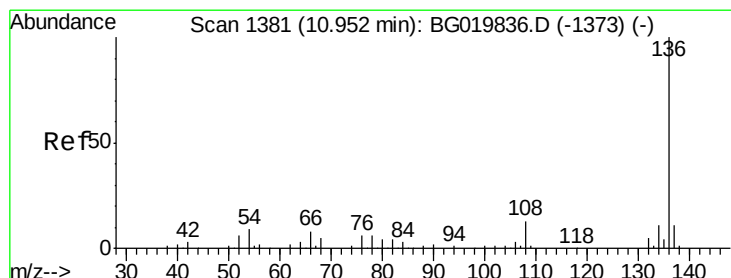
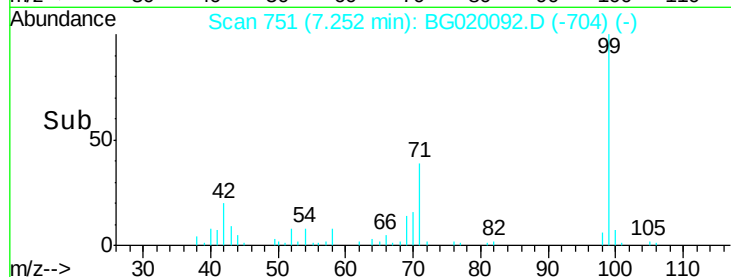
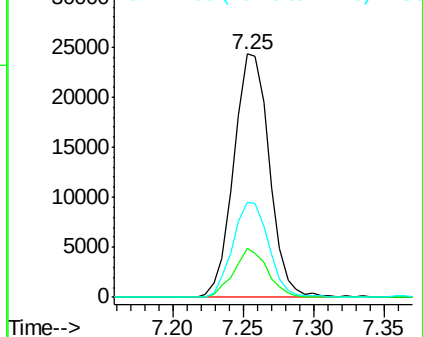
99 100

42 20.3 11.5 17.3#

71 39.3 22.6 34.0#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.92 min Scan# 1376

Delta R.T. -0.03 min

Lab File: BG020092.D

Acq: 11 Dec 2015 2:48

Tgt Ion: 136 Resp: 88407

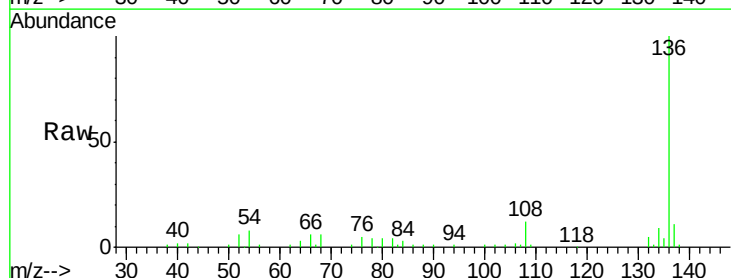
Ion Ratio Lower Upper

136 100

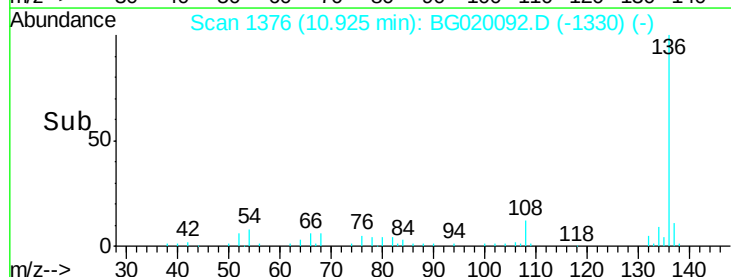
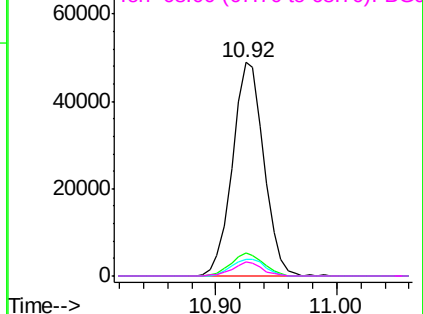
137 10.8 8.6 12.8

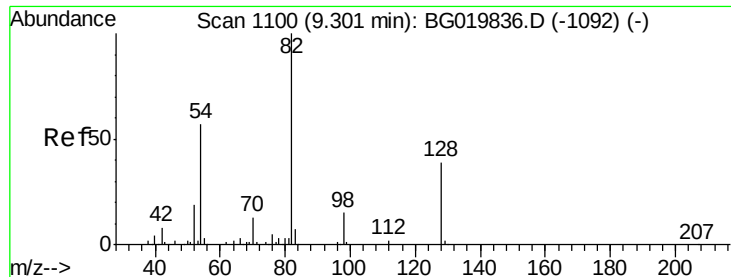
54 7.9 5.4 8.2

68 6.3 5.3 7.9



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

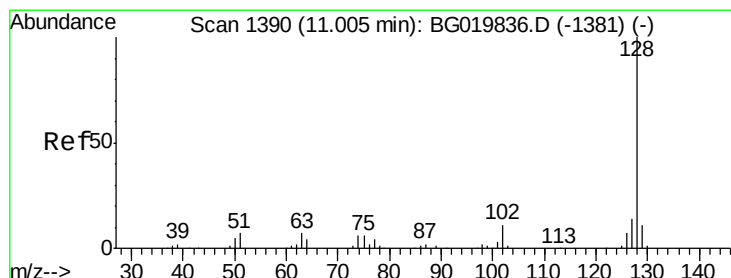
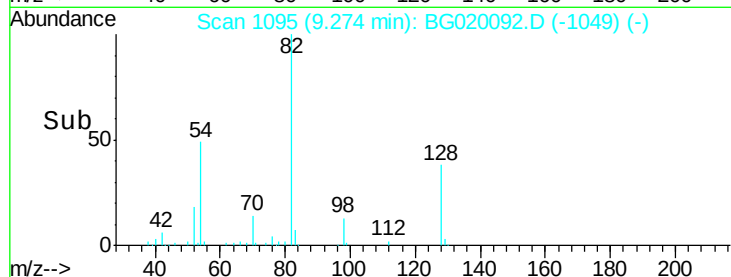
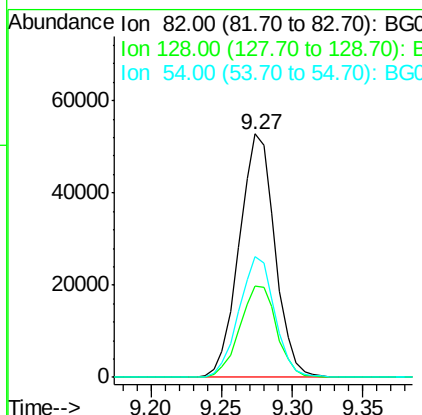
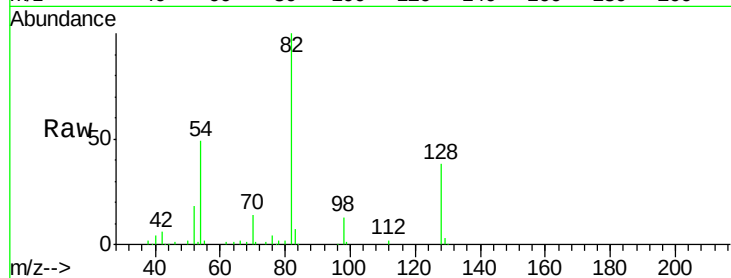




#23
Nitrobenzene-d5
Concen: 53.91 ng
RT: 9.27 min Scan# 1095
Delta R.T. -0.03 min
Lab File: BG020092.D
Acq: 11 Dec 2015 2:48

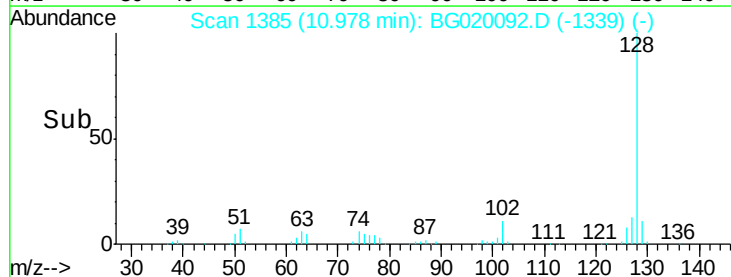
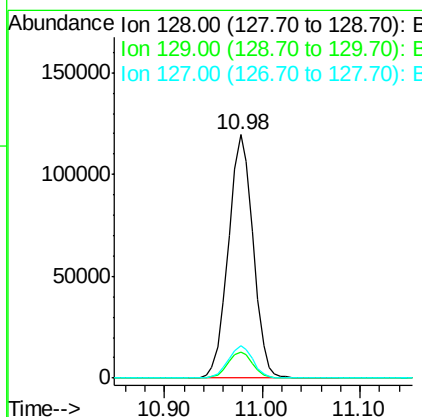
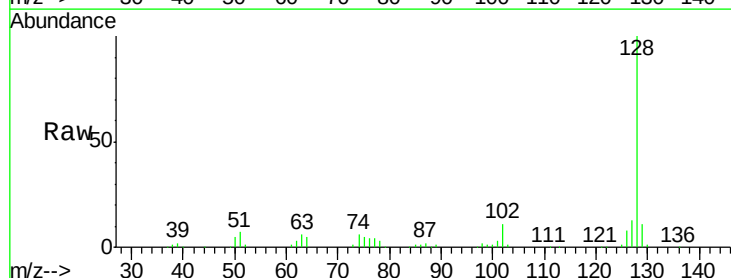
Instrument :
BNA_G
ClientSampleId :
MW-15DL

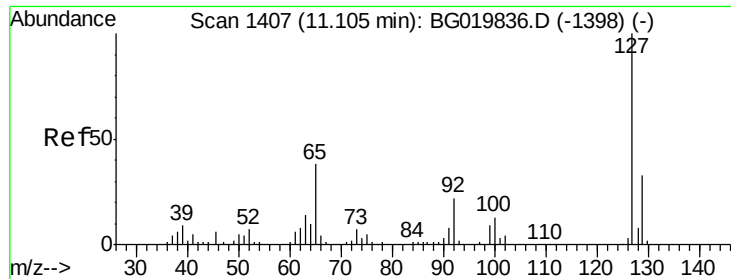
Tgt Ion: 82 Resp: 93383
Ion Ratio Lower Upper
82 100
128 37.7 36.7 55.1
54 49.4 33.8 50.8



#31
Naphthalene
Concen: 44.27 ng
RT: 10.98 min Scan# 1385
Delta R.T. -0.03 min
Lab File: BG020092.D
Acq: 11 Dec 2015 2:48

Tgt Ion: 128 Resp: 209644
Ion Ratio Lower Upper
128 100
129 10.9 8.5 12.7
127 13.1 10.6 16.0

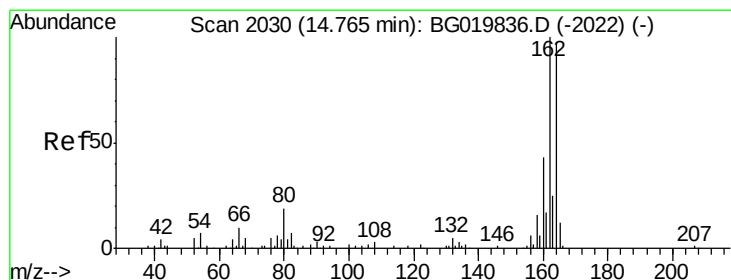
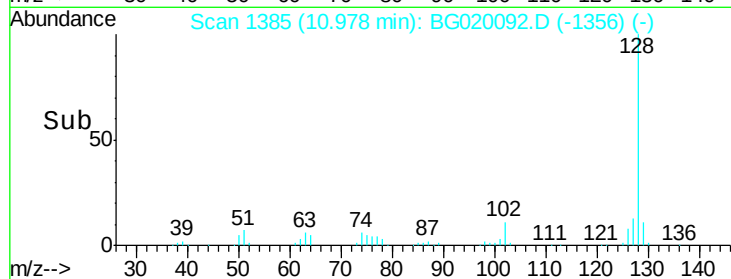
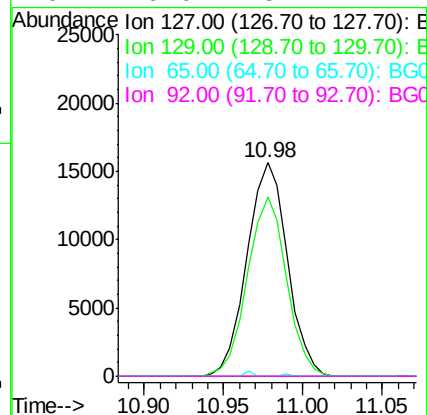
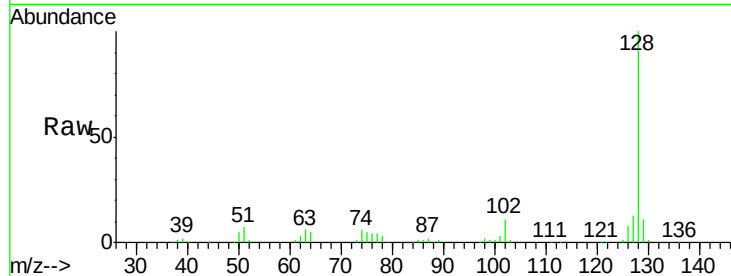




#33
4-Chloroaniline
Concen: 13.26 ng
RT: 10.98 min Scan# 1385
Delta R.T. -0.13 min
Lab File: BG020092.D
Acq: 11 Dec 2015 2:48

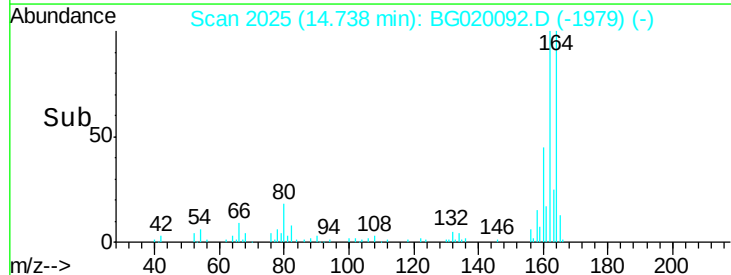
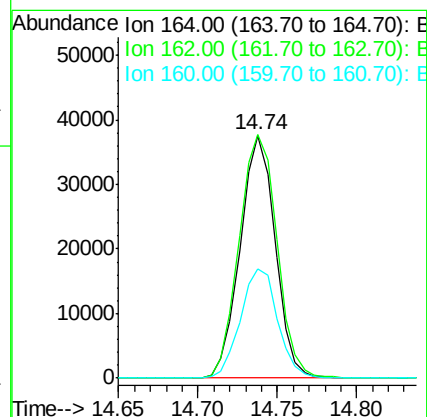
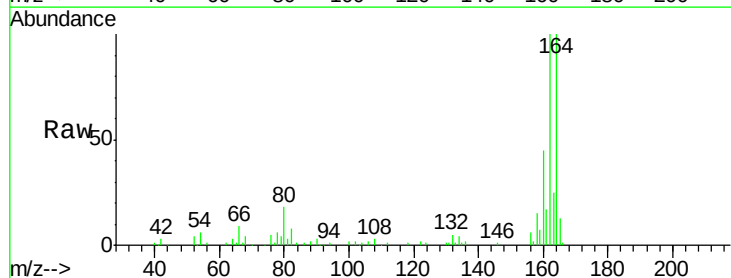
Instrument :
BNA_G
ClientSampleId :
MW-15DL

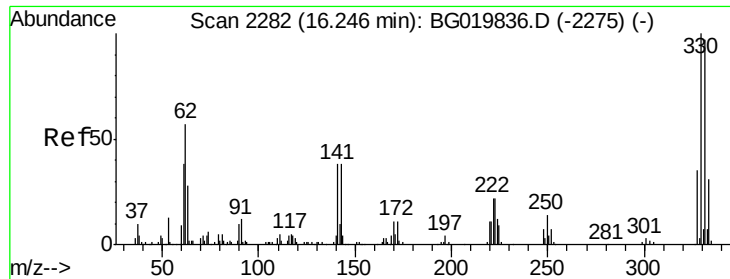
Tgt Ion:127 Resp: 27672
Ion Ratio Lower Upper
127 100
129 83.6 24.6 37.0#
65 0.0 22.6 33.8#
92 0.0 15.1 22.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2025
Delta R.T. -0.03 min
Lab File: BG020092.D
Acq: 11 Dec 2015 2:48

Tgt Ion:164 Resp: 57577
Ion Ratio Lower Upper
164 100
162 100.5 78.8 118.2
160 45.2 36.4 54.6

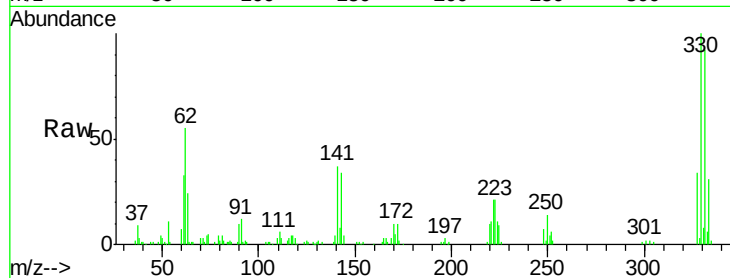




#41
 2,4,6-Tribromophenol
 Concen: 75.38 ng
 RT: 16.22 min Scan# 2277
 Delta R.T. -0.03 min
 Lab File: BG020092.D
 Acq: 11 Dec 2015 2:48

Instrument :
 BNA_G
 ClientSampleId :
 MW-15DL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.1	117.1
141	36.6	28.2	42.2

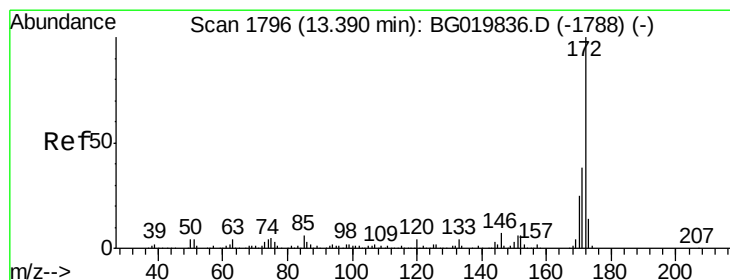
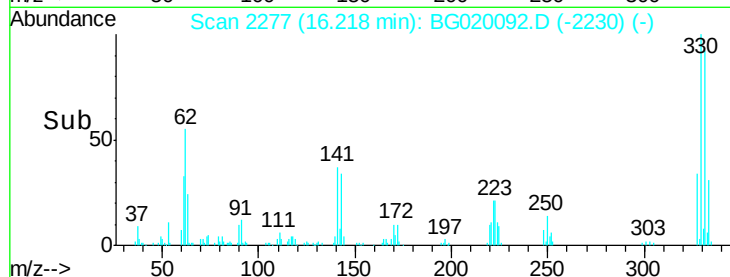
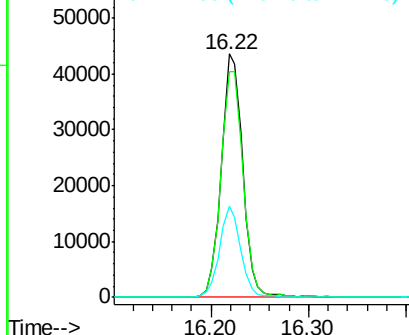


Abundance

Ion 329.80 (329.50 to 330.50): E

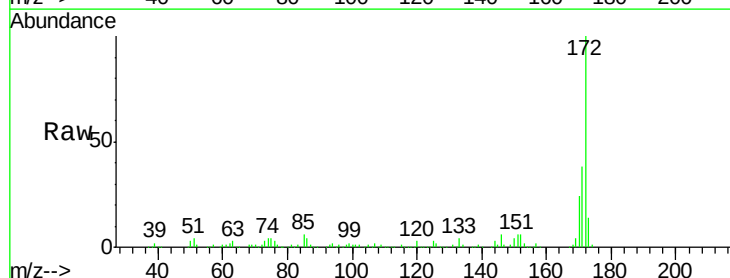
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 53.66 ng
 RT: 13.36 min Scan# 1791
 Delta R.T. -0.03 min
 Lab File: BG020092.D
 Acq: 11 Dec 2015 2:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.0	43.6
170	24.3	19.9	29.9

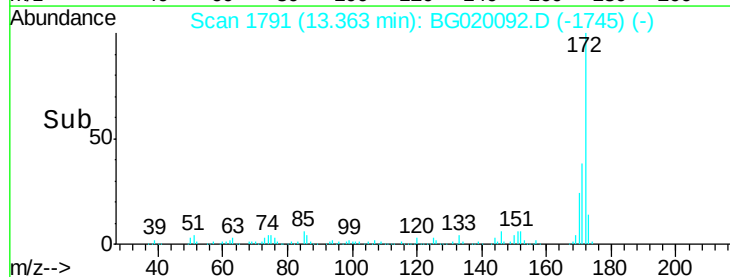
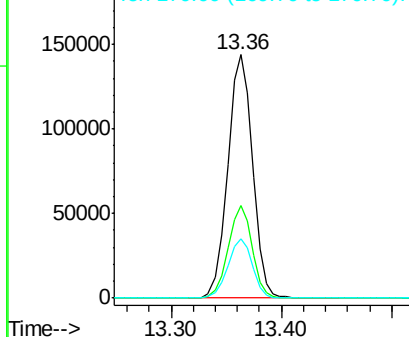


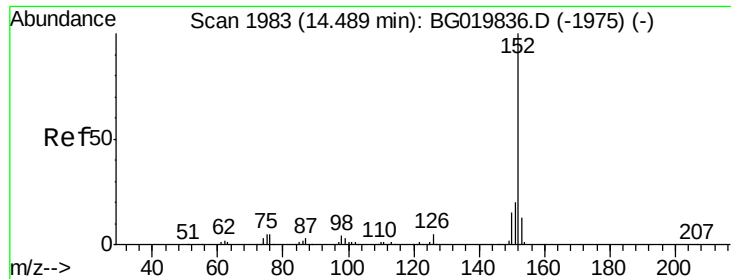
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#48

Acenaphthylene

Concen: 2.17 ng

RT: 14.46 min Scan# 1978

Delta R.T. -0.03 min

Lab File: BG020092.D

Acq: 11 Dec 2015 2:48

Instrument :

BNA_G

ClientSampleId :

MW-15DL

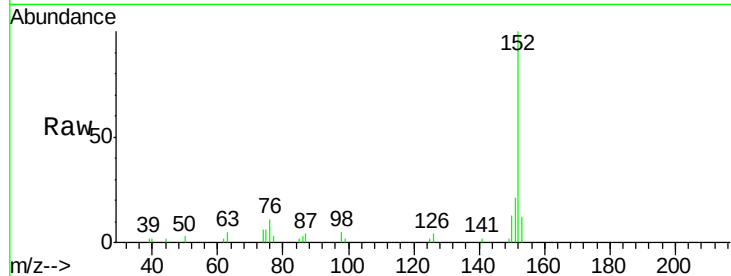
Tgt Ion:152 Resp: 13433

Ion Ratio Lower Upper

152 100

151 20.8 17.0 25.4

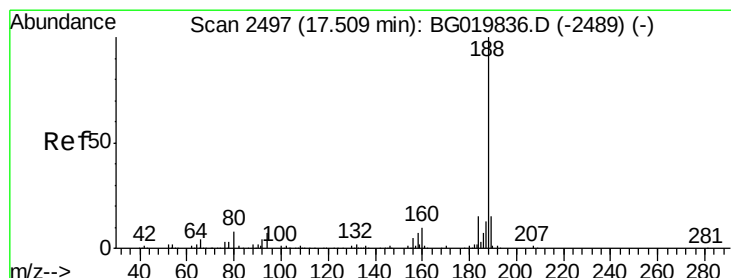
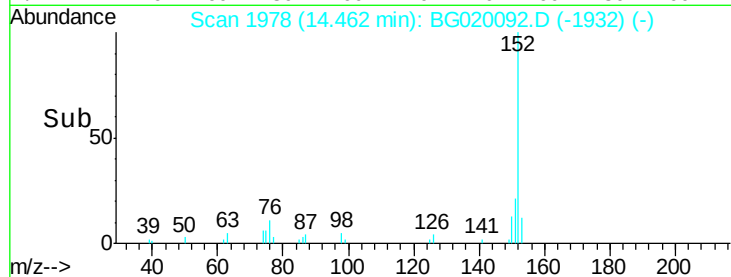
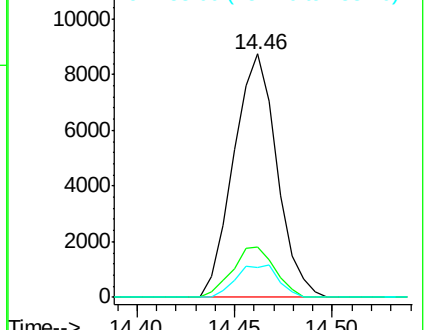
153 12.3 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.48 min Scan# 2492

Delta R.T. -0.03 min

Lab File: BG020092.D

Acq: 11 Dec 2015 2:48

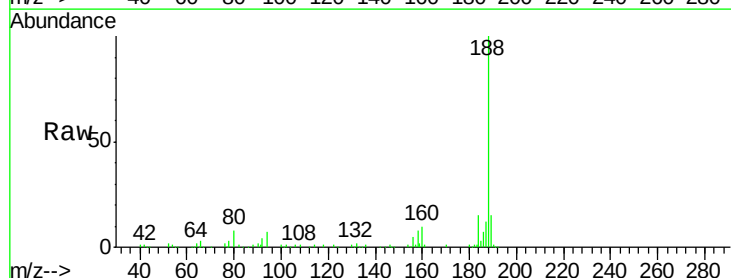
Tgt Ion:188 Resp: 140885

Ion Ratio Lower Upper

188 100

94 7.0 7.7 11.5#

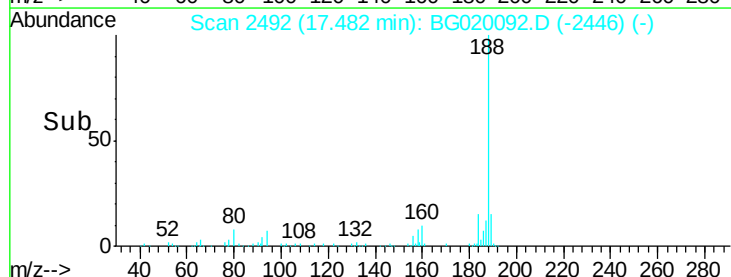
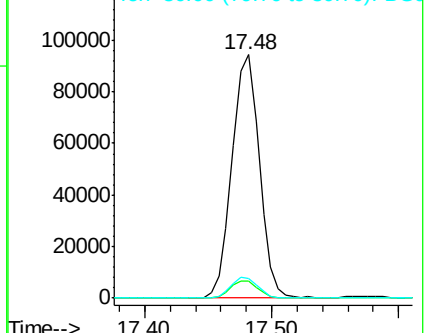
80 7.9 7.8 11.8

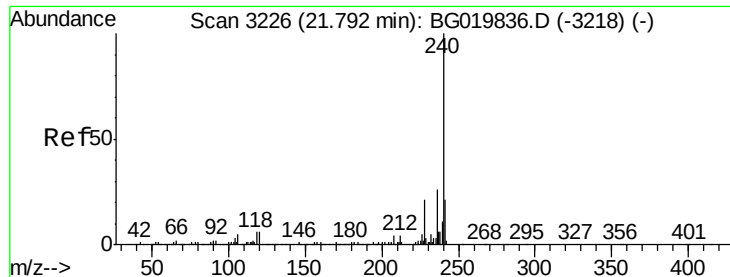


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.75 min Scan# 3219

Delta R.T. -0.04 min

Lab File: BG020092.D

Acq: 11 Dec 2015 2:48

Instrument :

BNA_G

ClientSampled :

MW-15DL

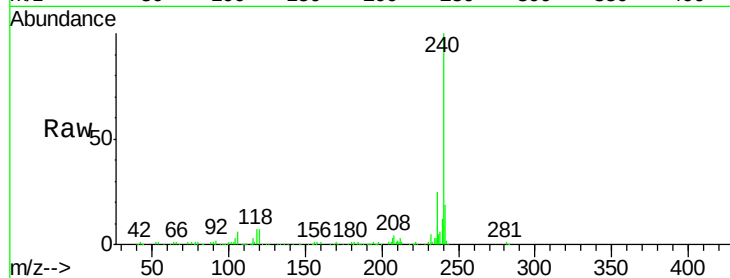
Tgt Ion:240 Resp: 171246

Ion Ratio Lower Upper

240 100

120 7.0 7.4 11.0#

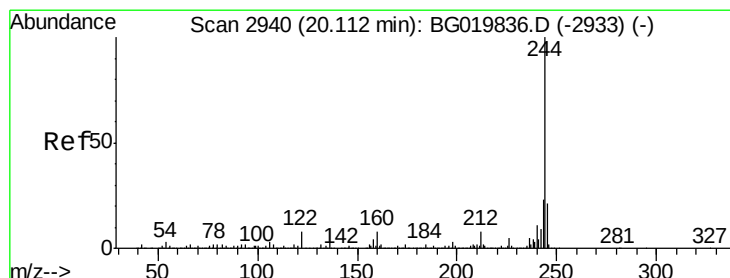
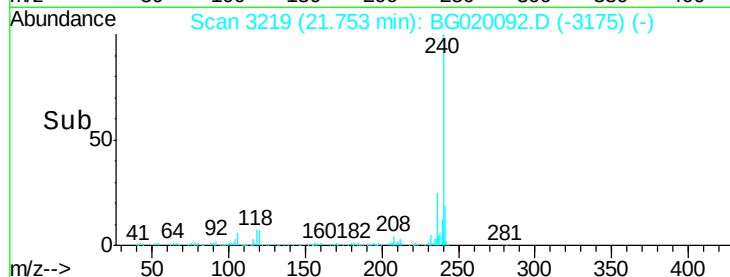
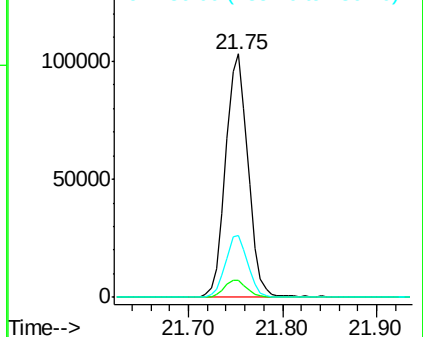
236 25.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 53.78 ng

RT: 20.08 min Scan# 2934

Delta R.T. -0.03 min

Lab File: BG020092.D

Acq: 11 Dec 2015 2:48

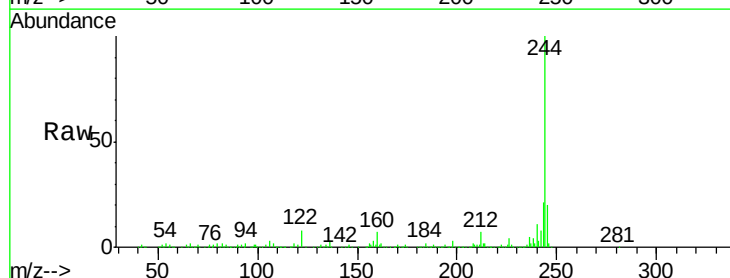
Tgt Ion:244 Resp: 377580

Ion Ratio Lower Upper

244 100

212 7.4 6.9 10.3

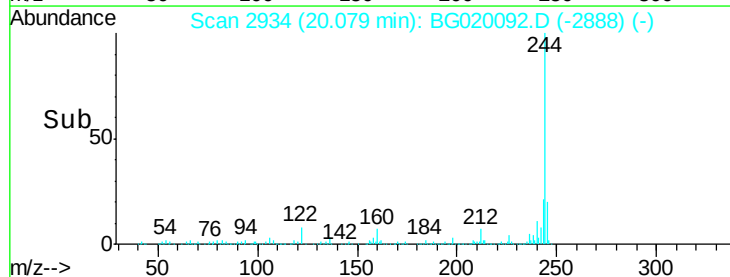
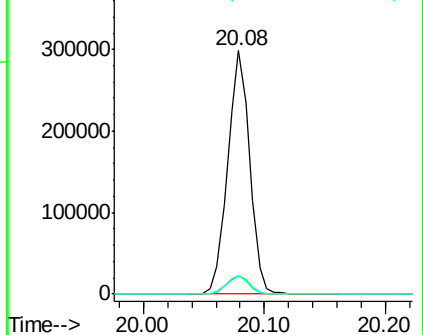
122 7.5 10.2 15.2#

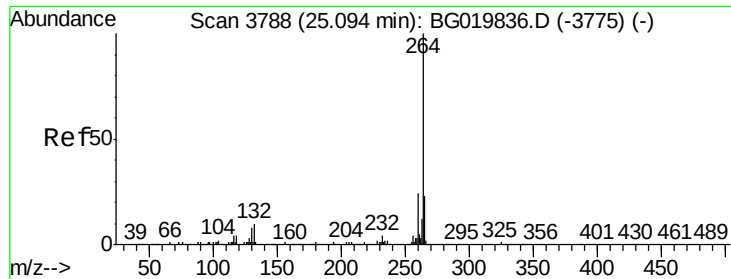


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

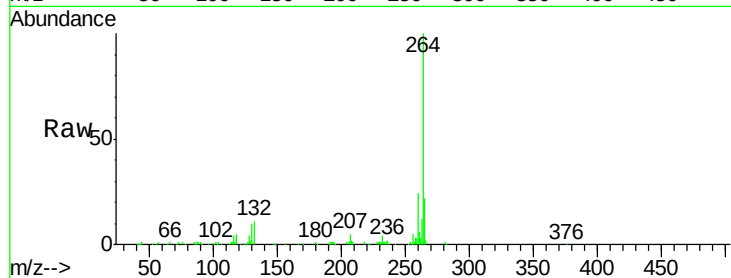




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.03 min Scan# 3777
Delta R.T. -0.06 min
Lab File: BG020092.D
Acq: 11 Dec 2015 2:48

Instrument :
BNA_G
ClientSampleId :
MW-15DL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.5	27.7
265	21.7	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

